

Section D
KNIGHT/JACOBS JOINT VENTURE
SPECIAL CONDITIONS

RFP No.: F5-2681-02-RFP02-1044

1. Quality Control Plan

- A) The following subparagraph is hereby added to the clause at Section H, Terms and Conditions, Paragraph 6.2.C. (2)
- (v) The Subcontractor must ensure that the SQC plan addresses the following ten (10) criterion as required by 10 CFR 830.122 Quality Assurance Criteria:
- (a) Criterion 1-Management/Program.**
 - (1) Establish an organizational structure, functional responsibilities, levels of authority, and interfaces for those managing, performing, and assessing the work.
 - (2) Establish management processes, including planning, scheduling, and providing resources for the work.
 - (b) Criterion 2-Management/Personnel Training and Qualification.**
 - (1) Train and qualify personnel to be capable of performing their assigned work.
 - (2) Provide continuing training to personnel to maintain their job proficiency.
 - (c) Criterion 3-Management/Quality Improvement.**
 - (1) Establish and implement processes to detect and prevent quality problems.
 - (2) Identify, control, and correct items, services, and processes that do not meet established requirements.
 - (3) Identify the causes of problems and work to prevent recurrence as a part of correcting the problem.
 - (4) Review item characteristics, process implementation, and other quality-related information to identify items, services, and processes needing improvement.
 - (d) Criterion 4-Management/Documents and Records.**
 - (1) Prepare, review, approve, issue, use, and revise documents to prescribe processes, specify requirements, or establish design. (2) Specify, prepare, review, approve, and maintain records.
 - (e) Criterion 5-Performance/Work Processes.**
 - (1) Perform work consistent with technical standards, administrative controls, and other hazard controls adopted to meet regulatory or contract requirements, using approved instructions, procedures, or other appropriate means.
 - (2) Identify and control items to ensure their proper use.
 - (3) Maintain items to prevent their damage, loss, or deterioration.
 - (4) Calibrate and maintain equipment used for process monitoring or data collection.
 - (f) Criterion 6-Performance/Design.**
 - (1) Design items and processes using sound engineering/scientific principles and appropriate standards.
 - (2) Incorporate applicable requirements and design bases in design work and design changes.
 - (3) Identify and control design interfaces.
 - (4) Verify or validate the adequacy of design products using individuals or groups other than those who performed the work.
 - (5) Verify or validate work before approval and implementation of the design.
 - (g) Criterion 7-Performance/Procurement.**
 - (1) Procure items and services that meet established requirements and perform as specified.
 - (2) Evaluate and select prospective suppliers on the basis of specified criteria.
 - (3) Establish and implement processes to ensure that approved suppliers continue to provide acceptable items and services.
 - (h) Criterion 8-Performance/Inspection and Acceptance Testing.**
 - (1) Inspect and test specified items, services, and processes using established acceptance and performance criteria.
 - (2) Calibrate and maintain equipment used for inspections and tests.

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- (i) **Criterion 9-Assessment/Management Assessment.**
 - (1) Ensure managers assess their management processes and identify and correct problems that hinder the organization from achieving its objectives.
- (j) **Criterion 10-Assessment/Independent Assessment.**
 - (1) Plan and conduct independent assessments to measure item and service quality, to measure the adequacy of work performance, and to promote improvement.
 - (2) Establish sufficient authority, and freedom from line management, for the group performing independent assessments.
 - (3) Ensure persons who perform independent assessments are technically qualified and knowledgeable in the areas to be assessed.

2. Quality Control Organization

- A) The following paragraph replaces the clause at Section H Terms and Conditions, Paragraph 6.2 E in its entirety:

The requirements for the SQC organization are a SQC System Manager who shall be at the site at all times during progress of work and with complete authority to take any action necessary to ensure compliance with the subcontract. This person shall have a minimum of ten years experience on installations of the complexity and magnitude of the type of work similar to this project, and must be employed by the prime Subcontractor. The SQC System Manager may have other no assigned duties. The SQC System Manager shall be subject to acceptance by CM, and approval is conditioned upon satisfactory performance. The SQC System Manager shall be supported by one mechanical engineer and one electrical engineer; each will be responsible for their respective discipline. The mechanical and electrical engineers shall have no other assigned duties and shall report directly to the SQC System Manager. These engineers shall have a minimum of five years experience on installations of the complexity and magnitude of the type of work similar to this project, and must be employed by the prime subcontractor. They shall be on-site whenever work is taking place in their respective disciplines.

- B) The following are additions to the documentation requirements set forth in Section H Terms and Conditions, Paragraph 6.2 K:

- (10) Daily Subcontractor Quality Control Reports
- (11) Notifications of Noncompliance